

Hydro. 5415-5464

May 3-5, 1914

Oregon Coast

2.

May 3 - May 5, 1914.

Hydro. 5415 - 5464

Dredge } No. 5415 Date, May 3, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot Lead 25 lbs.

Turns _____ Cor'n _____ Depth 83 fms.

Sdg. Cup Soft Soap Amt. Bot'm Sample _____

Character of Bottom Green mud

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 11:40 a.m. Air { 54.5
Time _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. x W Force 4.5

Baromet. 30.21 Amt. of Clouds 7 State of Sea C

Weather B C Z

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality off Oregon coast

Position Yaquina light bears S 15 1/2 E (true) distant 21.9 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr Phipps Recorder C. Clark

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
--- M. DOWN.	UP.	--- M.		--- M. DOWN.	UP.	--- M.
11:40 4.71			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5416 Date, May 3, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns Cor'n Depth 92 fms.
Sdg. Cup (Fining in lead) Amt. Bot'm Sample
Character of Bottom gn M

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 11:57 a.m. } Air { 54.5°
Time

Density: Surf. fms.

Wind: Direction NW by W Force 4-5

Baromet. 30.21 Amt. of Clouds 7 State of Sea C

Weather bz.

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off the Oregon Coast.

Position Yaquina Light bears S 15 1/2° E (true) distant 22.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder F. W. H. 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.		Up.	M.		M. Down.		Up.	M.
11	57			0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 5417 Date, May 3, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 85 fms.
Sdg. Cup Arming in lead Amt. Bot'm Sample _____
Character of Bottom gy S

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 12:22 P. } Air { 55°
Time _____

Density: Surf. _____ fms. _____

Wind: Direction NW by W Force 4-5

Baromet. 30.21 Amt. of Clouds 7 State of Sea C

Weather fog.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality of Oregon Coast.

Position Yaquina Light bears S 13° E (true) distant 23.0 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Pippo Recorder J. Stahl -

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. DOWN.	UP.	M.			M. DOWN.	UP.	M.	
12	22			0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 5418 Date, May 3, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 98 fms.
Sdg. Cup Arming in lead Amt. Bot'm Sample _____
Character of Bottom gn M.

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 12:58 P. Air { 54°
Time _____

Density: Surf. _____ fms. _____

Wind: Direction NW by W Force 4-5

Baromet. 30.23 Amt. of Clouds 3 State of Sea 1

Weather 6-2

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Yaquina Light bears S15½° E (true) distant 24.1 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Glick Recorder Frankel

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	M.		M. Down.	Up.	M.
1258			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	M.		M. Down.	Up.	M.
1	40		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5420 Date, Aug 3, 1914

Shot, Mch. Reel. Shot } 25 lbs.
Lead }

Turns	Cor'n	Depth	112	266 fms.
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Sdg. Cup Arising on Ice Amt. Bot'm Sample _____

Character of Bottom fine M-

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$ Cor'n $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right.$

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 2:20 } Air { 56 }
Time

Density: Surf. fms. --

Wind: Direction WNW Force 4

Baromet. 30.28 Amt. of Clouds 3 State of Sea 2

Weather *June*

Direction and Force of Current.	Surface	
	Bottom	

Tide 0.00 0.00 0.00 0.00

General Locality..... Oregon Coast

Position Yaquina Light bears $S 15^{\circ} E$ (true) distant 28.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing _____ h. _____ m.

Remarks:

Deck Officer Recorder 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.		Up.	M.		M. Down.		Up.	M.
2	20			0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

~~Hydrog.~~ } No. 5421 Date, May 3, 1914
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns ----- Cor'n ----- Depth 109 fms.
Sdg. Cup ~~7.11.11 on 1.11.11~~ Amt. Bot'm Sample -----
Character of Bottom gn M

Thermom. { Make ----- Cor'n { Instr. -----
No. ----- Stem. -----

Bottom Reading ----- Cor'd Temp. -----

Temp. Surf. { 57 Time 3:00 P. } Air { }
Time -----

Density: Surf. ----- fms. -----

Wind: Direction 7 Force 4

Baromet. 30.20 Amt. of Clouds 3 State of Sea 5

Weather 6

Direction and Force of Current { Surface -----
Bottom -----

Tide -----

General Locality Ocean Coast

Position Yaquina Light bears S 15° E (true) distant 30.6 miles

Chart used: No. 6000 Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

Time towing ----- h. ----- m.

Remarks: -----

Deck Officer Mr. Dick Recorder J. F. Smith

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P	M. Down.	Up.	M.		M. Down.	Up.	M.
3	00			0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Dredge } No. 5422 Date, Nov 3, 1914
Hydrog. }

Sdg. Mch. T.H. Reel T.H. Shot } 25 lbs.
Lead } 188

Turns _____ Cor'n _____ Depth 103 fms.

Sdg. Cup *Straining on lead* Amt. Bot'm Sample _____

Character of Bottom *on T.H.*

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *51* Time *3:55* } Air { *55*
Time _____

Density: Surf. _____ fms. _____

Wind: Direction *WNW* Force *3*

Baromet. *30.21* Amt. of Clouds *3* State of Sea *L*

Weather *Clear*

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Yaquina light bears S 15° E (true) distant 33.6 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *W. G. Galt* Recorder *W. G. Galt*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
3	55		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 1773 Date, (Dec 23), 1914
Hydrog. }

Sdg. Mch. 7 Reel Shot/Lead 3 lbs.

Turns Cor'n Depth 97 fms.

Sdg. Cup 100 Amt. Bot'm Sample

Character of Bottom fine M

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 5-00 } Air { 55-
Time

Density: Surf. fms.

Wind: Direction NW 7-8 Force 2-3

Baromet. Amt. of Clouds 7 State of Sea L

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears S77° E (true) distant 14.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.		Up.	L. M.			M. Down.	Up.	M.
4	5-6	30	5	00	00	0		
						100		
						200		
						300		
						400		
						500		
						600		
						700		
						800		
						900		
						1000		
						1100		
						1200		
						1300		
						1400		
						1500		
						1600		
						1700		
						1800		
						1900		
						2000		
						2100		
						2200		
						2300		
						2400		
						2500		
						2600		
						2700		
						2800		
						2900		
						3000		
						3100		
						3200		
						3300		
						3400		
						3500		
						3600		
						3700		
						3800		
						3900		
						4000		
						4100		
						4200		
						4300		
						4400		
						4500		
						4600		
						4700		
						4800		
						4900		

~~Trawl~~ } No. *1454* Date, *Aug 28*, 19*17*

Sdg. Mch. *T.H.* Reel *0* Shot } *35* lbs.
Lead }

Turns _____ Cor'n _____ Depth *108* fms.

Sdg. Cup *Am. lead* Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *50°* Time *5-50* } Air { *54°*
Time _____

Density: Surf. _____ fms. _____

Wind: Direction *N.W.* Force *2-3*

Baromet. *30.23* Amt. of Clouds *8* State of Sea *4*

Weather *bc*

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality *off Oregon coast*

Position *Cape Mearns Light bears N 57 1/2° E (true) distant 17.1 miles*

Chart used: No. *6100* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Time *Wet bulb* *Dry bulb*
6.00 P.M. *47.0* *51.0*

Deck Officer *J.D. ...* Recorder *C.B. ...*

SOUNDING WIRE.

M. Down.	Up.	M.
5-46 00	5-30 00	

FMS.

DREDGING CABLE.

M. Down.	Up.	M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 6424 Date, May 3, 1914

Hydrog. } Sdg. Mch. T. M. Reel Shot Lead 25 lbs.

Turns Cor'n Depth 25 fms.

Sdg. Cup Arming in lead Amt. Bot'm Sample

Character of Bottom gy. M.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction NW Force 2

Baromet. 30.25 Amt. of Clouds 3 State of Sea S

Weather fog

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Cape Meares Light bears N 70° E (true) distant 17.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. DOWN.	UP.	<i>P</i> M.		M. DOWN.	UP.	M.
<i>6 23 00</i>	<i>6 23 00</i>		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 44 Date, Aug 19, 1914

Hydrog. } Sdg. Mch. Reel Shot Lead 25 lbs.

Turns Cor'n Depth 166 fms.

Sdg. Cup Marconi Lead Apt. Bot'm Sample

Character of Bottom sand M.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 59° Time 7:15 } Air { 62° Time

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 29.94 Amt. of Clouds 4 State of Sea 2

Weather B.

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Cape Hecates Light bears N 80° E (true) distant 16.6 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: All animals and "soft" material and mud were taken for study.

Deck Officer L. H. ... Recorder B. H. ...

SOUNDING WIRE.

M. Down. Up. M.

7 07 00 7 21 00

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

DREDGING CABLE.

M. Down. Up. M.

7 14 00 7 21 50
7 19 49 7 19 55

Dredge } No. _____ Date, _____, 19__
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot }
Lead } lbs.

Turns _____ Cor'n _____ Depth 100 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____
No. _____

Cor'n { Instr. _____
Stem. _____

Bottom Reading _____

Cor'd Temp. _____

Temp. Surf. {

Time _____

Time _____

Air {

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.31 Amt. of Clouds 0 State of Sea L

Weather _____

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality _____

Position Cape Mears Light bears N 86° E (true) distant 16.4 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____

Recorder _____

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	A	M.		M. Down.	Up.	M.
6	09	10	6	13	50		
				0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
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				1900			
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				2100			
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				2300			
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				2600			
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				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

2.
Dredge } No. 7129 Date, 1911. 11, 19
Hydrog. }
Sdg. Mch. 1 A Reel 7 N Shot } lbs.
Leads } 180
Turns Cor'n Depth 98 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 6:24 } Air {
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position Cape Mearns Light bears N 86° E (true) distant 15.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

100 ft. haul in 10 min. dredge
1 1/2 ft. haul in 10 min. dredge
1 1/2 ft. haul in 10 min. dredge
1 1/2 ft. haul in 10 min. dredge
1 1/2 ft. haul in 10 min. dredge

Deck Officer W. D. P. Recorder C. K. Clark

SOUNDING WIRE.

A M. Down. | Up. | M.

6 29 30 | 6 31

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

DREDGING CABLE.

A M. Down. | Up. | A M.

7 05 | 7 22 30

Cable parted
at 7:22:30

3/ Dredge } No. 5424 Date, May 4, 1924
 Hydrog. }
 Sdg. Mch. 711 Reel T N Shot Lead 25 lbs 184
 Turns Cor'n Depth 100 fms.
 Sdg. Cup Soft trap Amt. Bot'm Sample
 Character of Bottom green mud -
 Thermom. { Make Cor'n { Instr. No. Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { Time 7:20 } Air {
 Density: Surf. fms.
 Wind: Direction Calm Force 0
 Baromet. 30.31 Amt. of Clouds 1 State of Sea 4
 Weather
 Direction and Force of Current { Surface Bottom
 Tide
 General Locality
 Position Cape Mearns Light bears S84°E (true) distant 16.3 miles
 Chart used: No. 6100 Ed'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.
 Remarks: Time 8:00 P.M. Wet bulb 47.0 Dry bulb 52.5
 Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
A 7 32	7 36		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

4.
Dredge } No. 230 Date, Jan 1, 1914
Hydrog. }
Sdg. Mch. 75 Reel 75 Shot 25 lbs.
Lead 180
Turns Cor'n Depth 98 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom fine br.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 8.34 a. Air { 55
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.21 Amt. of Clouds 5 State of Sea 2

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Ocean

Position Cape Mearns Light bears S76°E (true) distant

Chart used: No. 6100 Ed'n 17.9 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer H. G. J. Recorder

SOUNDING WIRE.

A. M. Down. Up. M.

8

34

FMS.

DREDGING CABLE.

M. Down. Up. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

5/ Dredge } No. 5451 Date, May 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot 25 lbs
Lead 100 184 fms.
Turns Cor'n Depth
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom gy. M.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 8:49 a. } Air { 55
Time

Density: Surf. fms.

Wind: Direction NE by N Force 0-1

Baromet. 30.31 Amt. of Clouds 5 State of Sea L

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Cape Mearns Light bears S74°E (true) distant 18.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. G. C. Recorder C. H. H. -

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>a</i> M. Down.	Up.	M.		M. Down.	Up.	M.
8 49			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5432 Date, July 21, 1914
Sdg. Mch. T.M. Reel 775 Shot 25 lbs.
Lead 178
Turns _____ Cor'n _____ Depth 97 fms.
Sdg. Cup *Atm.* Amt. Bot'm Sample _____
Character of Bottom *gn M*

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52* Time *9:25 a* } Air { *52* }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction *N.E by N* Force *1*

Baromet. *30.31* Amt. of Clouds *5* State of Sea *1*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Cape Meares Light bears S 67 1/2° E (true) distant 20.4 miles*

Chart used: No. *6100* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *T. M. O'Brien* Recorder *W. H. H. H.*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9/25			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

31
Dredge Hydrog. No. 223 Date, July 11, 1914
Sdg. Mch. T. Reel Shot Lead 25 lbs.
Turns Cor'n Depth 95 fms.
Sdg. Cup Arming in lead Amt. Bot'm Sample
Character of Bottom gn M

Thermom. { Make Cor'n { Instr.
No. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 52 Time 9:56 a.m. } Air { 55
Time

Density: Surf. fms.
Wind: Direction NNE Force 1
Baromet. 30.2 Amt. of Clouds 5 State of Sea 2
Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Tillamook Light bears N46 1/2° E (true) distant 25.5 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.				
A. M. Down.	Up.	---	M.		---	M. Down.	Up.	---	M.
9	52			0					
				100					
				200					
				300					
				400					
				500					
				600					
				700					
				800					
				900					
				1000					
				1100					
				1200					
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				1500					
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				1700					
				1800					
				1900					
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				2500					
				2600					
				2700					
				2800					
				2900					
				3000					
				3100					
				3200					
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				3600					
				3700					
				3800					
				3900					
				4000					
				4100					
				4200					
				4300					
				4400					
				4500					
				4600					
				4700					
				4800					
				4900					

11—24220

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
10	35		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

4.
Dredge } No. 2725 Date, Jan 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns Cor'n. Depth 95 175 fms.

Sdg. Cup Armig Amt. Bot'm Sample
Character of Bottom Sft. m. Jt

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 11:08 a. } Air { 55
 { Time {

Density: Surf. fms.

Wind: Direction NNE Force 1

Baromet. 30.32 Amt. of Clouds 3 State of Sea L

Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Oregon Coast

Position Tillamook Light bears N 59° E (true) distant 24.9 miles
Chart used: No. 6100 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Gluck Recorder Mr. ...
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A. M. Down.	Up.	M.		M. Down.	Up.	M.
11	08		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
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			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

10/ ~~Predse~~ } No. 5436 Date, Jan. 4, 1914

Sdg. Mch. TN Reel 715 Shot Lead 25 lbs.

Turns Cor'n Depth 97 fms.

Sdg. Cup *Stamina on lead* Amt. Bot'm Sample

Character of Bottom *sf. gy. M*

Thermom. { Make No.

Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 11:41 a. Air 59°
Time

Density: Surf. fms.

Wind: Direction *715* Force 1

Baromet. 30.32 Amt. of Clouds 3 State of Sea *1*

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality *Oregon Coast*

Position *Tillamook light bears N 66 1/2° E (true) distant 24.9 miles*

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Mr. Glick

Recorder

Stamina

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11	41		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11.
Tideg. } No. 5437 Date, May 4, 1914
Hydrog. }
Sdg. Mch. 77V Reel 77V Shot Lead 152 lbs.
Turns Cor'n Depth 87 fms.
Sdg. Cup 27 min. on 5.0 Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 12:15 } Air { 60.5°
Time

Density: Surf. fms.

Wind: Direction N.W. x E. Force 1

Baromet. 30.32 Amt. of Clouds 1 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Tillamook Light bears N 73 1/2 E (true) distant 25.4 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time	Wet Bulb	Dry bulb
1:30 P.M.	48.5	53.0
6:00 P.M.	55.0	62.5

Deck Officer R. W. Dick Recorder C. W. Dick

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. DOWN.	UP.	<i>P</i> M.		M. DOWN.	UP.	M.
12	11	00	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Tredge } No. 5438 Date, May 5, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot Lead 25 lbs.

Turns Cor'n Depth 51 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy S M

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51.0 Time Air { 55.5

Density: Surf. fms.

Wind: Direction N.W. Force 1-2

Baromet. 30.20 Amt. of Clouds 0 State of Sea

Weather Bz

Direction and Force of Current { Surface Bottom

Tide

General Locality off Cape Cod

Position Heceta Light bears S 68° E (true) distant 25.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time 1:30 P.M. 6:00 P.M. Wet bulb Dry bulb 48.5 55.0 55.0 62.5

Deck Officer P. J. Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5	01	00	5	02	00	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5-21-00	5-23-00		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5 35 00	5 36 00		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
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			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11-1025

SOUNDING WIRE.

M. Down.	Up.	M.
5 45 00	5 47 00	

FMS.

DREDGING CABLE.

M. Down.	Up.	M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
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3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

5
Tredge } No. 5-447 Date, May 5, 1914
Hydrog. }
Sdg. Mch. T. R. Reel Shot Lead 25 lbs.
Turns Cor'n Depth 49 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom SdV

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51.0 Time 6:52.9 } Air { 53.0
 { { {
 Time Time

Density: Surf. fms.

Wind: Direction 44 Force 2

Baromet. 30.21 Amt. of Clouds 0 State of Sea 2

Weather b

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears $87\frac{1}{2}^{\circ}$ E (true) distant 27.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer L. E. S. Recorder C. E. S.

H 5443

Tredge } No. 5443 Date, Dec 18, 1914
 Hydrog. }
 Sdg. Mch. T. Reel Shot/Lead 25 lbs.
 Turns Depth 50 fms.
 Sdg. Cup Cor'n Amt. Bot'm Sample
 Character of Bottom

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 6:08 am } Air { 55°
 { Time

Density: Surf. fms.

Wind: Direction 2 Force 2

Baromet. 21 Amt. of Clouds 0 State of Sea 2

Weather

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality

Position Heceta Light bears S72°E (true) distant 28.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6	08	00	6	10	50	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
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			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Trawl No. 5444 Date, May 15, 1914

Sdg. Mch. Reel Shot Lead 35 lbs. 112 meters

Turns Cor'n Depth 61 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 625 } Air { 57°

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.21 Amt. of Clouds 0 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Neceta Light bears S74°E (true) distant 28.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. <i>Q.</i> M.		M. Down.	Up.	M.
62100	62400	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
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		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

8

Trawl } No. 5445 Date, May 5, 1914
Hydrog. }
Sdg. Mch. 776 Reel Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 62 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 51° Time 6:35 } Air { 51°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction N.E. Force 2

Baromet. 30.22 Amt. of Clouds 1 State of Sea _____

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Cape Cod

Position Heceta Light bears S 75° E (true) distant 29.3 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer _____ Recorder _____

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. M.		M. Down.	Up.	M.
6 22 00	6 38 00	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
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		1900			
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		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

9
Dredge } No. 5446 Date, May 5, 1914

Hydrog. }
Sdg. Mch. T. Reel Shot/Lead 25 lbs.

Turns Cor'n Depth 61 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 6:47 } Air { 55° Time

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 30.22 Amt. of Clouds 1 State of Sea

Weather S.C.

Direction and Force of Current { Surface Bottom

Tide

General Locality 67° 15' N 157° 15' W

Position Neceta Light bears S 75° E (true) distant 28.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ben. E. Child Recorder C. E. Child

SOUNDING WIRE.

M. Down. Up. M.

6 48 00 6 27 00

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

10

Sta H 5448¹⁰ below

Dredge } No. 5347 Date, , 19

Hydrog. }
Sdg. Mch. Reel Shot Lead 25 lbs.

Turns Cor'n Depth 61 fms.

Sdg. Cup Arriving on lead Amt. Bot'm Sample

Character of Bottom Hard

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 7:00 } Air { 55°
Time

Density: Surf. fms.

Wind: Direction NE Force 2

Baromet. 30 Amt. of Clouds 2 State of Sea

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Cape Cod

Position Heceta Light bears S74°E (true) distant 28.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lowered one down with two
Rebowed at 7:20, then down 1:38
from 2000 to 7:24 and
down at 7:24 and 1:38= Second Long Lower
Position: Heceta Light bears S73½ E (true) distant 28.7 miles
Chart 6000

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. C. M.

M. Down. Up. M.

6 58 00 7 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

at Sta H5448

Time
8:00Wet bulb
57.5Dry bulb
53.0

12 Sta. 5448 ^{10 on} Preceding
Hydrog. No. 5449 Date, May 3, 1915
Sdg. Mch. T.A. Reel T.A. Shot/Lead 25 lbs. 114 fms.
Turns Cor'n Depth 6.2
Sdg. Cup Amt. Bot'm Sample
Character of Bottom Hard mud

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 10:23 AM } Air { 56
Time

Density: Surf. fms.

Wind: Direction Force 3

Baromet. 30.22 Amt. of Clouds 1 State of Sea L

Weather F.C. 2

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position Heceta Light bears S70 1/2 E (true) distant 29.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

10 13 30 10 26

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
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1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

3
Tidegauge } No. 50 Date, July 3, 1911
Hydrog. }
Sdg. Mch. T N Reel T N Shot } 25 lbs.
Lead } 118
Turns Cor'n Depth 65 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 10:39 Air { 55
Time

Density: Surf. fms.

Wind: Direction N. N. W Force 3

Baromet. 30.22 Amt. of Clouds 2 State of Sea 4

Weather B C Z

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 68 1/2° E (true) distant 28.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. Up. 4 M.

10 | 39 | 10 | 42

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
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2100
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2900
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

14
Dredge } No. 5154 Date, May 5, 1912
Hydrog. }
Sdg. Mch. TN Reel TN Shot 25 lbs.
Lead 100

Turns Cor'n Depth 54 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Yellow mud -

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 8:00 Air {
Time

Density: Surf. fms.

Wind: Direction 11-11-2 Force 3

Baromet. 30.22 Amt. of Clouds 2 State of Sea L

Weather LCZ

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Heceta

Position Heceta Light bears S66 1/2° E (true) distant 28.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. W. A. Henry Recorder 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A M. Down. Up. A M.

M. Down. Up. M.

11:18 11 20

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

15
Trawl Hydrog. No. 222 Date, May 5, 1914
Sdg. Mch. 75 Reel 75 Shot Lead 55 lbs. 120
Turns Cor'n Depth 65 fms.
Sdg. Cup - 37mm Amt. Bot'm Sample
Character of Bottom - 2nd gn M

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 12:01 } Air { 58
Time

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.22 Amt. of Clouds 0 State of Sea 2

Weather 5.

Direction and Force of Current { Surface
Bottom

Tide

General Locality Coast of New England

Position Heceta Light bears S63 1/2° E (true) distant 28.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. H. ... Recorder J. H. ...
11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P	M. DOWN.	UP.	M.
12	01	12	04

M. DOWN.	UP.	M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>R</i> M. Down.	Up.	<i>R</i> M.		M. Down.	Up.	M.
12	44	12	46			
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			2000			
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			2200			
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			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
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			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5254 Date, Mar 5, 1917
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns Cor'n Depth 70 fms.
Sdg. Cup *Grining* Amt. Bot'm Sample
Character of Bottom *gy M*

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { *54* Time *1:25* } Air { *62*
Time

Density: Surf. fms.
Wind: Direction *7/8 W by N* Force *3-4*
Baromet. *30.22* Amt. of Clouds *0* State of Sea *L*
Weather *2*

Direction and Force of Current { Surface
Bottom

Tide

General Locality *N. W. Cor. of Cape*

Position *Hecla Light bears S54°E (true) distant 29.7*
miles

Chart used: No. *6000* Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Mr. P. R. R.* Recorder *W. H. H.*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
175			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 545 Date, Jan 14, 19 14
Sdg. Mch. TN Reel TN Shot 9.5 lbs.
Lead 82 ¹⁵⁰ fms.

Turns _____ Cor'n _____ Depth _____

Sdg. Cup Amiey Amt. Bot'm Sample _____

Character of Bottom cr. bk. G

Thermom. { Make _____
No. _____

Cor'n { Instr. _____
Stem. _____

Bottom Reading _____

Cor'd Temp. _____

Temp. Surf. { 54 Time 2:08.8 } Air { 62
Time _____

Density: Surf. _____ fms. _____

Wind: Direction NW 3/4 W Force 4

Baromet. 30.22 Amt. of Clouds 0 State of Sea I

Weather b3

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Northern Coast of Oregon

Position Neceta Light bears S 48 1/2° E (true) distant
30.5 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer Mr. [Signature]

Recorder [Signature]

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2 08	2 11		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
			1600			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

19
Dredge } No. 6 Date, Jan 5, 1914
Hydrog. }
Sdg. Mch. 711 Reel 75 Shot } 25 lbs.
Lead }
Turns Cor'n Depth 78 fms.
Sdg. Cup Spring Amt. Bot'm Sample
Character of Bottom hard M

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 2:20 } Air { 62
Time

Density: Surf. fms.

Wind: Direction N.E. Force 4

Baromet. 30.22 Amt. of Clouds 0 State of Sea L

Weather bz

Direction and Force of Current { Surface
Bottom

Tide

General Locality Northern Ocean Coast

Position Heceta Light bears S47 1/2° E (true) distant 30.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. C. C. C.

Recorder J. J. J.

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
2	20	2	23	0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
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				1900			
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				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

20

Hydrog. } No. 57 Date, May 5, 1914

Sdg. Mch. 7/1 Reel 7/1 Shot/Lead } 25 lbs.

Turns Cor'n Depth 79 ¹⁴⁶ fms.

Sdg. Cup - Proving Amt. Bot'm Sample

Character of Bottom Red M. M.

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$ Cor'n $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem} \end{array} \right.$

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { ----- Time 7:38.5 } Air { -----
 { ----- Time ----- }

Density: Surf. fms:

Wind: Direction _____ Force _____

<i>Baromet.</i>	<i>Amt. of Clouds</i>	<i>State of Sea</i>
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Weather

Direction and Force of Current. $\left\{ \begin{array}{l} \text{Surface} \\ \text{Bottom} \end{array} \right.$

Tide _____

General Locality *off Oregon coast*

Position Heceta Light bears S47½°E (true) distant 31.3 miles

Chart used: No. 6000 Ed'n Sho. 11111

Drift: Direction *Distance*

Depth of Haul 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1

Apparatus and Ris used -----

Time towing h. m.

Remarks:

Deck Officer *Wm. L. ...* Recorder *J. ...*

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
M. Down.	Up.	M.			M. Down.	Up.	M.			
2	38	2	41	0						
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
				2200						
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				2500						
				2600						
				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

11-10V₂5

SOUNDING WIRE.

M. DOWN.	UP.	M.
3 22	3 28	

FMS.

DREDGING CABLE.

M. DOWN.	UP.	M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Hydrog. No. 549 Date, May 5, 1914

Sdg. Mch. T.M. Reel Shot 25 lbs. Lead 245 meters

Turns Cor'n Depth 135 fms.

Sdg. Cup Arming on lead Apt. Bot'm Sample

Character of Bottom fine T.M.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 4:16 Air { 62°

Density: Surf. fms.

Wind: Direction S.W. X S.W. Force 3-4

Baromet. 30.17 Amt. of Clouds 0 State of Sea C

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 74 1/2° E (true) distant 23.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer R. H. Brown Recorder A. H. Long

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. M.

M. Down. Up. M.

408.20 414.30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

27
Hydrog. No. 5460 Date, May 19 14
Sdg. Mch. T. H. Reel Shot/Lead 25 lbs.
Turns Cor'n Depth 69 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom Grs. R.; Red M.

Thermom. { Make Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 64° Time 5-00-00 } Air { 61°

Density: Surf. fms.

Wind: Direction NE Force 3-4

Baromet. 30.16 Amt. of Clouds 0 State of Sea C

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality off Oregon Coast

Position Yaquina Light bears N 81° E (true) distant 21.7 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. W. Smith Recorder C. L. Long

SOUNDING WIRE.

M. DOWN.	UP.	M.
4 53 00	4	58 00

FMS.

DREDGING CABLE.

M. DOWN.	UP.	M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

27
Hydrog. } No. 5-1261 Date, May 5, 1914
Sdg. Mch. T. Q. Reel Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 167 meters 91 fms.

Sdg. Cup T. R. Amt. Bot'm Sample _____

Character of Bottom fine sand

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 5:10 PM } Air { 60°
Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction N. E. Force 2-4

Baromet. 30.16 Amt. of Clouds 0 State of Sea C

Weather b. c.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Cape Cod Bay

Position Yaguine Light bears N 82° E (true) distant 21.4 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing h. m.

Remarks

Deck Officer Brown Recorder _____

Hydrog. No. 5462 Date, May 5, 1914

Sdg. Mch. T.M. Reel Shot Lead 25 lbs. 169

Turns Cor'n Depth 92 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Green mud

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air { Time

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

Baromet. 30.16 Amt. of Clouds 0 State of Sea C

Weather fog

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 83° E (true) distant 21.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boenwick Recorder G. B. Lacy

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.
5 18 00	5 32 00		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

26

Hydrog. } No. 5463 Date, May 5, 1914

Sdg. Mch. T. H. Reel Shot Legd 35 lbs.

Turns Cor'n Depth 87 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gm. M.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction NNE x W Force 3 - 4

Baromet. 30 Amt. of Clouds 0 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 84 1/2° E (true) distant 20.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
<i>P</i> M. DOWN.		UP.	<i>P</i> M.		M. DOWN.		UP.	M.		
5	31	00	5	35	00					
				0						
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
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				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

27
Dredge } No. 5464 Date, May 5, 1914
Hydrog. }
Sdg. Mch. T.M. Reel Shot 25 lbs.
Lead 153 meters
Turns Cor'n Depth 85 fms.

Sdg. Cup Aming on Amt. Bot'm Sample
Character of Bottom hd M. (clean lead)

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air { Time

Density: Surf. fms.

Wind: Direction NW x SW Force 3-4

Baromet. 30.14 Amt. of Clouds 0 State of Sea C

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N86°E (true) distant 20.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boon Glick Recorder C. E. Long

SOUNDING WIRE.					FMS.	DREDGING CABLE.				
M. Down.		Up.		M.		M. Down.		Up.		M.
					0					
					100					
					200					
					300					
					400					
					500					
					600					
					700					
					800					
					900					
					1000					
					1100					
					1200					
					1300					
					1400					
					1500					
					1600					
					1700					
					1800					
					1900					
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					2500					
					2600					
					2700					
					2800					
					2900					
					3000					
					3100					
					3200					
					3300					
					3400					
					3500					
					3600					
					3700					
					3800					
					3900					
					4000					
					4100					
					4200					
					4300					
					4400					
					4500					
					4600					
					4700					
					4800					
					4900					

Pos. & Psychrometer
checked E.C.T.
June 17-14

6:54-

163

89

Ad M.

201